

NR 9/300.10/1958
c. 2

c. 2

M

COLORADO STATE PUBLICATIONS LIBRARY



3 1799 00125 1081

STATE OF COLORADO



1958

ANNUAL REPORT

COAL MINE INSPECTION DEPARTMENT

STATE OF COLORADO



1958

ANNUAL REPORT



COAL MINE INSPECTION DEPARTMENT

CONR
M
C6
1958
C.2

LETTER OF TRANSMITTAL

April 1, 1959

To His Excellency
Steve McNichols
Governor of Colorado

Sir:

It is an honor to submit to you the Annual Report of the State Coal Mine Inspection Department of Colorado, for the year ending December 31, 1958.

Respectfully,

THOMAS ALLEN
Chief Inspector of Coal Mines



Digitized by the Internet Archive
in 2013

<http://archive.org/details/1958annualreport00coal>

OBITUARY

of

FINLAY McCALLUM

On August 18, 1958, Finlay McCallum, Senior Inspector of the State Coal Mine Inspection Department for the State of Colorado, was severely injured from a collision with an advancing automobile which had lost control. It occurred on the highway near Yampa in Routt County. He was taken to the Steamboat Springs Hospital.

Mr. McCallum passed away at St. Luke's Hospital in Denver on September 3, where he had been removed for further treatment.

Finlay McCallum was born at Kirkintilloch, Scotland on July 21, 1892. He came to the State of Illinois with an uncle at the age of 17½, returning to Scotland after one year to complete his education. At the age of 21 he moved to Illinois and one year later made Colorado his home, where he became an American citizen while working in coal mines in this State.

Mr. McCallum served overseas during World War I with the Corps of Engineers. He became Deputy State Coal Mine Inspector in 1926, and was the Senior Deputy Inspector for the past 15 years.

Survivors include two sisters, Mrs. Annie Sutherland and Mrs. Isabelle Hendry, both residing in Scotland.

PERSONNEL OF DEPARTMENT

CHIEF COAL MINE INSPECTOR - THOMAS ALLEN

Office - Argonaut Hotel, Denver 2
Telephone - KE 4-6485
Home - 1285 Albion St., Denver 20
Telephone - FR 7-5572

DEPUTY INSPECTORS - 1958

- Dist. #1 - FINLAY McCALLUM, 4635 Eliot St., Denver 11
Deceased
Dist. #2 - GEORGE H. SMITH, 1110 Macon Ave., Canon City
Retired
Dist. #3 - JOHN J. RODDY, 1404 White Ave., Grand Junction

DEPUTY INSPECTORS - 1959 (Counties within each district)

- Dist. #1 - DONALD HASKE,
(Boulder, El Paso, Fremont, Jackson and Weld)
Dist. #2 - OSCAR RICE, 2644 Aguilar Drive, Trinidad
Telephone - Victor 6-2634
(Huerfano and Las Animas)
Dist. #3 - GRANT McCONNELL, P.O. Box 385, New Castle
Telephone New Castle 4271
(Garfield, Moffat, Pitkin, Rio Blanco and Routt)
Dist. #4 - JOHN J. RODDY, 1404 White Avenue, Grand Junction
Telephone CHapel 2-5915
(Archuleta, Delta, Gunnison, La Plata, Mesa,
Montezuma, Montrose and San Miguel)

GENERAL OFFICE

Administrative Assistant Veda Burford
1610 Magnolia St., Denver 20
FRemont 7-4317
Account Clerk Evelyn Miller
3915 Xavier St., Denver 12
Clerk-Stenographer Rose Maxine Canaday
Erie

TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTORY COMMENTS	1- 3
HONOR ROLL - SAFETY RECORD	2
SUMMARY OF FIELD WORK	3
FINANCIAL STATEMENT FOR CALENDAR YEAR	3
GENERAL SUMMARY OF 1958 STATISTICS	4- 5
DIRECTORY OF OPERATORS: Listing Mines, Addresses; R.R.; Daily Capacity; Openings & Seams	6-15
PRODUCTION - BY COUNTY, BY MINE: Listing Operator; Men Employed; Days Worked; Production and Accidents	16-21
SHIPMENT AND DISPOSAL, BY COUNTY	22
SIZES AND GRADES OF COAL, BY COUNTY	23
MECHANICAL LOADING - MACHINERY & TONNAGES	24-25
COAL PRODUCTION - 1864 TO DATE	26
ACCIDENT STATISTICS - FATALITIES LISTED FIVE-YEAR COMPARISONS	27
SUCCESSFUL CANDIDATES - COAL MINE OFFICIALS	28

INTRODUCTORY COMMENTS

The Joseph A. Holmes Safety Association Certificate of Honor was presented by Marling J. Ankeny, President, to Governor Steve McNichols, executive head of this department, on April 22, 1958, "for having no fatalities at the 139 coal mines in Colorado which operated 6,964,579 man-hours from November 3, 1956, to February 2, 1958, and continuing, in the production of 4,541,003 tons of coal with an average of 2,650 men." The certificate was presented to Thomas Allen and the department by the Governor on June 3, 1958. This all-time safety record continued until August 1, 1958, with a total of 22 consecutive months without a fatality.

The Production for 1958 showed a decrease of 352,596 tons over 1957, a decrease of 284 men employed and 24 less average days worked per mine. There was an increase of 1.3 tons of coal mined per day by each miner.

There were 12 additional mines working, eight of which were pick mines. Two new strip mines started operation in 1958: the Rosebud in Jackson County and the Corley in Fremont.

Two new continuous mining machines were installed during the year. There was an increase of about 272,000 tons of coal cut and loaded by these machines.

A fire occurred in the lower seam of the Edwards Mine in Gunnison County on July 6, 1958. Inspector J. J. Roddy made an investigation of the mine and the affected area was sealed off. The mine was released for operation on July 10 and work was resumed in the upper seam.

The Colorado & Utah Coal Company abandoned the Harris Mine in Routt County on January 31, 1958, after a period of 44 continuous years of operation.

The Keystone Coal Company closed the Keystone Mine in Routt County on February 28, 1958, after operating 32 years. This mine was partially reopened the latter part of the year by the Routt Mining Corporation.

The Mine Inspectors' Institute of America held its Golden Anniversary Convention in Denver during the month of June, 1958. It

was reported that more coal mining states were represented than any previous year.

An examination for coal mine officials was conducted on September 13, 1958 in Denver. There were 34 candidates who passed with a Mine Foreman rating, 13 of which will be issued after gaining the required Fire Boss experience; five passed with a rating of Assistant Mine Foreman, three held for six months' experience as Fire Boss. Two received only Fire Boss ratings. Ten candidates qualified for Strip Pit Foreman. The successful officials are listed on page 28 of this report.

EXAMINATIONS FOR DEPUTY STATE COAL MINE INSPECTORS

A request was made to the State Civil Service Commission on May 13, 1958, to hold an examination for Inspectors to establish an eligible list in event of emergency or a vacancy. Three men qualified as a result of the examination held in December, 1958. With the loss of Inspector McCallum, and notice of the retirement of Inspector Smith, permission was granted to employ the three men who were certified by the Commission on January 14, 1959 and duly sworn into office. Donald Haske of Routt County, Grant McConnell and Oscar T. Rice, both of Gunnison County.

RETIREMENT - GEORGE H. SMITH

George H. Smith, of Canon City, Deputy Inspector of District #2, retired on December 31, 1958, after 21 years and 2 months of service with this department. Governor Steve McNichols presented Mr. Smith with a Certificate of Merit "in appreciation of faithful service to the State of Colorado." The C. F. & I. Corporation held a dinner in his honor in Trinidad, with officials, employees and State Inspectors present. Mr. Smith was an employee and official for the C. F. & I. for 37 years prior to his employment as a State Inspector.

HONOR ROLL FOR 1958 - 50,000 or more man-hours per injury

<u>Mine</u>	<u>Company</u>	<u>County</u>	<u>Fatal</u>	<u>Non-Fatal</u>	<u>Man-Hours Per Injury</u>
Frederick	C. F. & I. Corp.	Las A.		4	169,040
Eagle	Imperial Coal	Weld		1	88,702
Boulder Valley	Boulder Valley Coal	Weld		1	74,867
Allen	C. F. & I. Corp.	Las A.	1	8	74,051
Osage Strip	Osage Coal	Routt		0	56,344
Dutch Creek	Mid-Continent C & C	Pitkin		1	54,087

HONORABLE MENTION - 20,000 to 50,000 man-hours per injury

<u>Mine</u>	<u>Company</u>	<u>County</u>	<u>Fatal</u>	<u>Non-Fatal</u>	<u>Man-hours Per Injury</u>
Sterling	McNeil Coal Corp.	Weld		1	46,843
Thompson Crk. #1	Thompson Crk. C & C	Pitkin		3	42,347
Somerset	Minerals Dev. Corp.	Gunn.		3	41,599
Oliver #3	Minerals Dev. Corp.	Gunn.		1	31,082
Edna Strip	Edna Coal	Routt		2	29,851

SUMMARY OF FIELD WORK

Number of inspections	416
Complaints investigated	26
Mines closed for violations	15
Fatal accidents investigated & inquests attended	2
Mine fires investigated or checked	4
Examinations for Shot Firers	27

FINANCIAL STATEMENT FOR THE CALENDAR YEAR

RECEIPTS

Cash Balance, January 1, 1958		\$ 3,257.04
Coal Tax	\$20,669.98	
License Fees	6,020.00	
Law Books Sold	13.50	
Misc. - Vault Rent, Sale of Car	354.23	
General Fund Appropriation	29,838.63	
Total		<u>56,896.34</u>
		\$60,153.38

EXPENDITURES

Salaries - Field, Office, Board of Examiners	42,020.56	
Travel - Hotels, Meals, Gasoline, etc.	4,666.60	
Rent - Field & Office	2,878.60	
Workmen's Compensation	1,379.00	
Telephone & Telegraph	1,312.52	
Office Supplies, Repairs & Maintenance	398.66	
Postage & Express	314.57	
Office Equipment - New	236.27	
Printing & Multigraph Services	277.79	
Department Share to Civil Service	212.00	
Insurance - Cars & Surety Bonds	148.14	
Investigations - Fatal Accidents	30.00	
Blue Prints, Bookbinding, "Coal Age"	46.59	
Total		<u>53,871.30</u>
Cash Balance, January 1, 1959		\$ 6,282.08

GENERAL SUMMARY OF THE COLORADO COAL STATISTICS FOR 1958

<u>MINES REPORTING PRODUCTION - Mechanized 95, Pick 38, Strip 7</u>				140
<u>PRODUCTION IN SHORT TONS</u>				2, 972, 191
<u>GRADES</u>	<u>SIZES</u>			
Bituminous	2, 347, 181	Mine Run	635, 841	Pea
Sub-Bituminous	625, 010	Lump	200, 107	Slack
		Nut	46, 003	Miscellaneous
		Egg	134, 989	

TONNAGE BY MINING METHODS

MINED -Electric undercutting machines

Solid pick

LOADED-Mechanically, using no or very little hand labor

Hand-loaded onto mechanical loaders

Hand-loaded into pit cars

CUT AND LOADED BY CONTINUOUS MINING MACHINES

STRIPPED - OPEN PITS (7)

SHIPMENT AND DISPOSAL

Shipped by rail 2,130,043 Public Service Power Plant at Cameo 67,456

Shipped by truck 763,597 Shipped out of the State 597,667

Used for power and heat at the mines - 11,095

COKE TONNAGE - (Dutch Creek only - 23 ovens - 6 men)

MEN EMPLOYED (Average number) Underground 1,648, Surface 456, Strips 111

DAILY PRODUCTION PER MINER

DAYS WORKED (Average number per mine)

DAILY CAPACITY OF ALL MINES (as reported)

UNDERGROUND MECHANICAL & ELECTRIC EQUIPMENT - See pages 24 & 25

MINING MACHINERY - Electric Undercutting - 263 Drills - 312

Combination - 20 Shearing - 1

Compressed air: Cutting Machines - 0 Drills - 17

MECHANICAL LOADERS - Shakers - 138 Mainline conveyors - 23

Mobile - 60 Chain conveyors - 26

Power shovel - 1 Portable conveyors - 2

CONTINUOUS MINING MACHINES - Undercutting and loading - 11

3,500

2,215

9

148

28,013

HAULAGE MACHINERY - Locomotives: Electric trolley - 88 Electric battery - 55
 Hoists: Electric - 115
 Shuttle cars - 83

LAMPS: Flame safety - 492 Electric cap - 3,794

STRIP MACHINERY & EQUIPMENT

Bulldozer - 12 Drag lines - 4 Power shovels - 3
 Caterpillars - 8 Jackhammers - 10 Scarifiers - 3
 Compressors - 5 Drills - 7 Tractors - 6
 Carryalls - 5 Loaders - 6 Trucks - 25
 Motor graders - 6

EXPLOSIVES (Pounds)

Underground Mines	Permissible	Black Powder	Dynamite	Cardox	Airdox
Strip Mines	610,678		2,050	16 Mines	3 Mines
	25,820		114,800	Special-548,900	612,728
	636,498		116,850	548,900	689,520
					1,302,248

SURFACE & MISCELLANEOUS

Hoists: Gas	- 22	Steam	- 2	Electric	- 59	83
Tipples: Gravity	- 61	Mechanical	- 64			125
Ventilation fans: Exhaust	- 76	Force	- 32			108
Coal washing plants	- 3	Steam Plants	- 14	Box car loaders		- 39
Pumps: Electric	- 219	Compressed air	- 7	Bath houses	- 45	Showers -158
Air compressors: Underground	- 32	Surface	- 22	Rock dusting machines		- 46
Telephones	- 203			Battery charging stations		- 49
Gravity Planes	- 1			Aerial trams		- 1

SAFETY EQUIPMENT:

Self-rescuers - 324 Oxygen breathing apparatus (McCaa & Chemox) - 52
 Inhalators - 4

GENERAL INFORMATION

Shaft Mines - 6 Rock slopes - 13 Rock tunnels - 6 Drifts - 67 Coal Slopes - 56
 Number of mines: On railroads - 33 Roof-bolted - 7
 Tons of coal chemically treated - 226,900 Tons of washed coal - 9,333

ACCIDENTS - See page 27

Total number: Fatalities - 2
 Non-Fatals - 85

D I R E C T O R Y

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Aguilar Imperial C.	Trinidad	Aguilar-Imp.	Same	Las A.
Alvidrez Coal	Florence	Black Knight #2	"	Fremont
Annex Coal	"	Annex	"	"
Babson Coal	Hayden	Babson	"	Routt
Barstow, Aul&Peterson	Palisade	Blue Flame	"	Mesa
Bear Coal	Somerset	Bear	Same	Gunnison
Beer Coal & Const.	Florence	Beer Strip	"	Fremont
Bendetti, Henry	Glenwood Spgs.	Atlas #3	"	Garfield
Berwind Canyon Coal	Trinidad	Berwind Canyon	"	Las A.
Bisulco, Alex	Aguilar	Bisulco	"	" "
Black Beauty Coal	Walsenburg	Black Beauty	Same	Huerfano
Blue Blaze Coal	"	Black Hawk #2	"	"
Blue Blaze Coal	"	Blue Blaze	"	"
Blue Ribbon Coal	Paonia	Blue Ribbon	"	Delta
Boscia Coal	Oak Creek	Apex	"	Routt
Boulder Valley Coal	Denver	Boulder Val. #3	Dacono	Weld
Brodhead Coal	Trinidad	Brodhead #2	Same	Las A.
Brodhead Coal	"	Brodhead #3	"	" "
Brooks, Ira T.	Cedaredge	Green Valley #2	"	Delta
Bueno & Griego	Trinidad	Madrid	"	Las A.
C & C Coal	Walsenburg	Klikus	Same	Huerfano
C. F. & I. Corp.	Pueblo	Allen	Weston	Las A
C. F. & I. Corp.	"	Frederick	Valdez	" "
Caldirola Fuel	Florence	Caldirola #2	Same	Fremont
Caldwell, Earl	Waldon	Marr	"	Jackson
Can. Blk. Diam. Coal	Florence	Can. Blk. Diam.	Same	Fremont
Can. National Coal	"	Canon National	"	"
Canon Zenith Coal	Canon City	Canon Zenith #2	"	"
Cason, Vernon	Durango	Blue Flame	"	La Plata
Castles Coal	Crested Butte	Hinkle	"	Gunnison

RAILROADS - OPENINGS - SEAMS

Superintendent	R. R.	Daily Cap.	OPENINGS				SEAM		
			Shaft	Rock	Rock	Drift	Ft.	In.	Pitch
			Depth	Slope	Tunnel				
			Length						
Robert Fabec		50				Yes	5	10	5%
C. Alvidrez		5					1	4	3 ⁰
Nickie Rocchio		23					5	6	4 ⁰
Shirl Prewitt		6				Yes	10	6	16%
W. S. Barstow		20				Yes	5	6	3%
Tony Bear	D&RG	450			300		7		3-4%
Lloyd J. Beer		105	S T R I P				4		6%
Henry Bendetti		10					4		48 ⁰
Angelo Simola		12				Yes	4	8	
Alex Bisulco		6					4		6%
Marianio Pesina		10					4		
Albert Amiday		5					3		
Albert Amiday		25				Yes	3	6	5%
Dean Allen		50				Yes	6		
Angelo Boscia		15					4	6	8%
Thomas Harris	U. P.	1, 000	245				7		
Sam Vasquez		10					3	6	
Sam Vasquez		20					3	6	2%
Ira T. Brooks		50		150			5	6	5%
Tony Bueno		2					2		
Thomas Clair		3					4	6	37 ⁰
Lloyd W. Ingles	C&W	3, 500		1, 578(E)	(W)Yes		5		2-30%
F. C. Bennett	C&W	1, 700			Yes		3-4		
Ralph L. Nunez		50		480			4	8	5%
Earl Caldwell		10					50		45 ⁰
Frank Yellico		75				Yes	6	7	6%
Edmund Jermance		100					5	11	12%
Nick J. Moschetti		15					3	6	7%
Vernon Cason		15				Yes	6	6	2%
Victor Merle Drake		10					9		8%

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Champion Coal Mng.	Somerset	Hawk's Nest	Same	Gunnison
Clarke Coal	Palisade	Winger	"	Mesa
Clayton Coal	Denver	Lincoln	Erie	Weld
Clayton Coal	"	Washington	"	"
Coal Crk. Can. Mng.	Florence	Coal Creek Canon	Same	Fremont
Coles, W. E.	New Castle	New Castle-Vulcan	Same	Garfield
Colo. & Utah Coal	Denver	Harris	Mt. Harris	Routt
Colowyo Coal	"	Red Wing	Axial	Moffat
Corley Co., The	Colo. Springs	Corley Strip	Florence	Fremont
Corley Co., The	" "	Pioneer Canon	"	"
Corley Co., The	Colo. Springs	Superior	Florence	Fremont
Delcarbon Coal	Walsenburg	Calumet #2	Same	Huerfano
Double Dick Coal	Florence	Double Dick	"	Fremont
Dry Creek Coal	Hayden	Cardinal	"	Routt
Dry Creek Coal	"	Crow Bar	"	"
Dry Creek Coal	Hayden	Old Quaker Strip	Same	Routt
Eagle Head Coal	Grand Junction	McGinley	Fruita	Mesa
Edna Coal	Denver	Edna Strip	Oak Creek	Routt
Ellis Coal	Somerset	Black Beauty	Same	Gunnison
Fogg, Lyndon H.	Cedaredge	Red Canon #1	"	Delta
Four Mile Coal	Carbondale	Sunlight	Same	Garfield
Franceville Coal	Colo. Springs	Franceville Strip	"	El Paso
Garcia, Joe M. & Della	Trinidad	Anchor #2	"	Las A.
Gearhart, Med	Glenwood Spgs.	New So. Canon	"	Garfield
Giuliano & Sons Coal	Florence	Cedar Canon	"	Fremont
Golden Quality Coal	Florence	Golden Quality #4	Same	Fremont
Grey Creek Coal	Trinidad	Grey Creek #4	"	Las A.
Guadagnoli Bros.	"	Engleville	"	" "
Hastings Coal	"	Hastings #6	"	" "
Hay Gulch Coal	Hesperus	Hay Gulch #2	"	La Plata

Superintendent	R. R.	Daily Cap.	O P E N I N G S				S E A M		
			Shaft	Rock	Rock	Drift	Ft.	In	Pitch
			Depth	Slope	Tunnel				
			Length						
Ralph Audin	D&RG	350		300			8		2%
R. M. Clarke		8					4	6	5%
W. B. Ferguson	U. P.	2, 000		1, 800			9		
W. B. Ferguson	U. P.	1, 500	430				9		
Steve Kopic		50				Yes	4	6	5°
W. E. Coles		50			1, 500		6	6	48°
Louis LaSalle	D&RG	900		200	300		9	3	18%
J A. Haske	D&RG	900		125			23		2%
T. E. Shelnutt	AT&SF	600		S T R I P			8	4	8%
T. E. Shelnutt	AT&SF	500		200			5		8%
T. E. Shelnutt	AT&SF	100					3	3	6%
George Sudar	D&RG	100		700			4	2	4%
Joe Rohar		100					5	11	
E. R. Todd	D&RG	175				Yes	12		7%
E. R. Todd	D&RG	200		300			8		12%
E. R. Todd	D&RG	150		S T R I P			12		8%
Bryan Nichols		10				Yes	6	10	
R. O. Marsten	D&RG	1, 800		S T R I P			4		6°
Ellis Axelson		80				Yes	10	6	
Lyndon H. Fogg		40		350			4	4	6%
Richard Martin		15				Yes	8		40°
L. F. Gordley		50		S T R I P			6	8	
Joe M. Garcia		5					5	6	
Med Gearhart		5				Yes	4	10	47°
Mike Giuliano		100				Yes	6		2%
Dominic Carestia		50				Yes	6	6	3%
Lawrence Rivera		8				Yes	3	6	3°
Chas. Guadagnoli		12				Yes	9		
Pete Barajas		5					9		
W. C. Hunt		7				Yes	5	10	3°

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Hicks, Jene	Grand Junction	Hidden Treasure	Fruita	Mesa
Hunt, William M.	Hesperus	Burnwell #1	Same	La Plata
Hunt, William M.	"	Burnwell #2	"	" "
Imperial Coal	Denver	Eagle	Erie	Weld
Imperial Coal	"	Imperial	"	"
Iuppa & Son Coal	Trinidad	Starkville #4	Same	Las A.
Jenkins & Mathis Coal	Meeker	Rienau	"	Rio B.
Joe's Coal	Oak Creek	Joe's	"	Routt
Juanita Coal & Coke	Bowie	King	"	Delta
Kerr Coal	Cameo	Cameo	"	Mesa
Keystone Mining Corp.	Oak Creek	Keystone	Same	Routt
King Coal	Hesperus	King	"	La Plata
Leader Coal	Sopris	Leader #3	"	Huerfano
Liberty Mining	Canon City	Canon Liberty #3	"	Fremont
Lichtenhahn Coal	Meeker	Blue Streak	"	Rio B.
Lobato, Fidel	Durango	Monarch	Same	La Plata
Lovisone & Colarelli	Canon City	L & C #2	"	Fremont
Major Coal	Walsenburg	Major #2	"	Huerfano
Martinez, Albert	Cokedale	Martinez	"	Las A.
Maschio, Adolph	Raton, New Mex.	Starkville #7	Starkville	" "
Mathews, John	Oak Creek	Johnnie's	Same	Routt
Mathis, Sullivan Mng.	Louisville	Cracker Jack #2	"	Boulder
McNeil Coal Corp.	Denver	Sterling	Dacono	Weld
Mid-Continent C&C	Carbondale	Dutch Creek	Same	Pitkin
MineralsDev. Corp.	Colo. Salt Lake City, U.	Oliver #3	Somerset	Gunnison
MineralsDev. Corp.	Colo. Salt Lake City, U.	Somerset	Somerset	Gunnison
Montez, Manuel H.	Trinidad	Delagua #3 $\frac{1}{2}$	Same	Las A.
Montoya, Leo, Jr.	Trinidad	Nellie	"	" "
Morning Glory Coal	Walsenburg	Morning Glory	"	Huerfano
Nichols, Bryan	Fruita	Hunter	"	Mesa

Superintendent	R. R.	Daily Cap.	OPENINGS				SEAM		
			Shaft Depth	Rock Slope	Rock Tunnel	Drift	Ft.	In.	Pitch % - °
Jene Hicks		25				Yes	3		9%
William M. Hunt		10				Yes	6		2°
William M. Hunt		20				Yes	5	8	3°
Frank Kolar	U. P.	1,500	370				9		1½%
Frank Kolar	U. P.	900	300				10	6	
Albert Iuppa		16				Yes	3	6	
Wm. Jenkins, Jr.		40				Yes	20		18°
Joe Petranovich		2					5	6	
Robt. F. Bowie	D&RG	300					14		7%
Harold Kissell	D&RG	330			1,000		6		6°
Charles Reese	D&RG	400					5	9	8°
Irvin A. Smith		25				Yes	6		5%
C. E. Langowski		8				Yes	4		
Tony J. Smith		35					3	4	6%
Ralph Lichtenhahn		30					20-30		10°
Fidel Lobato		2				Yes	8	6	1%
Ted Colarelli		18					5		
Louis Bellotti	D&RG	75		75			5	5	15%
Albert Martinez		3				Yes	2	2	
Adolph Maschio		8				Yes	3	6	
John Mathews		5					4	8	4½°
Geo. Mathis		10					8		30%
A. W. Newcomb	U. P.	550	358				7	11	
Robert Echols	D&RG	500				Yes	7		14°
Fritz Nyman	D&RG	250					7		6%
William Luoma	D&RG	1,000					8-9		6%
Manuel H. Montez		5				Yes	5		
Leo Montoya, Jr.		4				Yes	3	6	
Geo. M. Turner	D&RG	175					4	6	
Bryan Nichols		10				Yes	6	6	7%

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Nix, Ammon E.	Nucla	Independence	Same	Montrose
North Fork Coal	Somerset	Edwards	"	Gunnison
Ortiz, Joe	Trinidad	Burro Canyon #3	"	Las A.
Osage Coal	Steamboat Spgs.	Osage Strip	"	Routt
Pantazes, Pete	Aguilar	Prosperity #2	"	Las A.
Paonia Farmers Coal	Paonia	Paonia-Farmers	Same	Delta
Partch Brothers	Gunnison	Nu-Mine #2	"	Gunnison
Paterson, Mack R.	Fruita	Hy-Grade	"	Mesa
Peacock Coal	Durango	Peacock	"	La Plata
Peacock Coal	Trinidad	Peacock	"	Las A.
Peerless Coal	Durango	Peerless	Same	La Plata
Phillips, H. B.	Palisade	Gearhart	"	Mesa
Pilcher, Oren A.	Mancos	Coal King #2	"	La Plata
Rainbow Coal	Sopris	Rainbow	"	Las A.
Rapson Coal	Walsenburg	Rapson #2	"	" "
Rasmussen, William	Durango	Rasmussen	Same	La Plata
Red Ash Coal	Walsenburg	Maitland #1	"	Huerfano
Red Ash Coal	"	Maitland #2	"	"
Red Glow Coal	Aguilar	Red Glow	"	Las A.
Rex Carbon Fuel	Florence	Rex Carbon	"	Fremont
Rice-Pinnacle Coal Corp.	Denver	Rice-Pinnacle	Hayden	Routt
Rifle Coal	Rifle	North Canyon	Same	Garfield
Rosebud Coal Sales	Denver	Rosebud Strip	Coalmont	Jackson
Rugby Coal	Trinidad	Rugby #6	Rugby	Huerfano
S & J Coal	New Castle	I H I #3	Rifle	Garfield
Sarmiento Coal	Florence	Pine Gulch #3	Same	Fremont
Scott & Johnson	Trinidad	Blady #2	"	Las A.
Seigfried, Darwin H.	Glenwood Spgs.	Rex	"	Garfield
Skinner Coal	Walsenburg	Gordon	"	Huerfano
Smith, A. G.	Gunnison	Baldwin	"	Gunnison

Superintendent	R. R.	Daily Cap.	OPENINGS				SEAM		
			Shaft	Rock	Rock	Drift	Ft.	In.	Pitch ° - 0'
			Depth	Slope	Tunnel Length				
Ammon E. Nix		15				Yes	5	8	4%
C. E. Pauley	D&RG	200				Yes	5	8	4%
Joe Ortiz		3				Yes	5	6	
T. C. Dewey	D&RG	1,500		S T R I P			8		
Pete Pantazes		4					2	6	7°
Carl Emmons		10					8	8	10%
Joseph E. Partch		150					6		3%
M. R. Paterson		20					3	6	15%
G. M. Gale		10				Yes	6		2%
Eugene Lopez		15				Yes	6		
Everett Bixler		15				Yes	4	6	
H. B. Phillips		35				Yes	5		
Oren A. Pilcher		10				Yes	6	6	
Albert Lovato		2				Yes	3	6	
James Christy	C&S	50		2,200			5		12%
Wm. Rasmussen		15				Yes	5	6	
Clarence Clair		30					4	6	5%
Clarence Clair		75					4	6	5%
Clifford Smith		6					3	8	7%
Frank Sacchetta		70		450			3	10	12%
Louis Ciani		100				Yes	11		7-8°
Ernest A. Haas		25			130		8	6	80°
Rollins N. Bisbee U. P.		735					13		18°
Clyde S. Dawn		12		150			4		13°
Leland Stewart		30				Yes	10		56°
D. E. Sarmiento		10					5		4°
D. A. Johnson		9				Yes	5	6	
H. H. Seigfried		10				Yes	7		52°
Tony Just	D&RG	150					4		
A. G. Smith		10				Yes	6		

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Staples Brothers	Gunnison	Ohio Creek #2	Same	Gunnison
States Coal	Cedaredge	Top	"	Delta
Strainer Coal	Canon City	CanonWolf Crk. #2	"	Fremont
Sun Coal	Hayden	Sun	"	Routt
Supancic, Louis	Cameo	River View	"	Mesa
ThompsonCrk. C&C Corp.	Denver	ThompsonCrk. #1	Carbondale	Pitkin
ThompsonCrk. C&C Corp.	"	ThompsonCrk. #2	"	"
ThompsonCrk. C&C Corp.	"	ThompsonCrk. #3	"	"
ThompsonCrk. C&C Corp.	"	ThompsonCrk. #5	"	"
Tolley, C. A. & Eileen	New Castle	Harvey Gap #3	Same	Garfield
Tomahawk Coal	Delta	Tomahawk	Same	Delta
Twin Pines Coal	Canon City	Twin Pines	"	Fremont
Vento Coal	Florence	Vento	"	"
Victory Coal	Durango	Victory #1	"	La Plata
Victory Coal	"	Victory #3	"	" "
Vigil, Frank	Valdez	Vigil	Same	Las A.
Walck, Clay	Glenwood Spgs.	Marion #2	"	Garfield
White River Fuel	Vernal, Utah	White River	Rangely	Rio B.
Wilson, Glen E.	Cortez	Montezuma #2	Same	Montezuma
Wright Fuel	Hesperus	Wright #1	"	La Plata
Zellitti, F., N. & C.	Durango	Morning Star	Same	La Plata

Superintendent	R. R	Daily Cap.	O P E N I N G S				S E A M		
			Shaft	Rock	Rock	Drift	Ft.	In.	Pitch % - °
			<u>Depth</u>	<u>Slope</u>	<u>Tunnel</u> Length				
S. L. Staples, Jr.		7					5	6	
Welland W. States		60			200		7		7%
Anton Strainer		30				Yes	6	6	3%
Thomas E. Barton		6				Yes	6		15%
Louis Supancic		25				Yes	6		
Andrew Allan		400				Yes	7		30°
Andrew Allan		50				Yes	7		30°
Andrew Allan		200				Yes	9		30°
Andrew Allan		15				Yes	9		30°
C. A. Tolley		18				Yes	7		50°
Gene Yellico		50					11	6	4%
Budgie C. Fazzino		35				Yes	6		4%
Dom Vento		100				Yes	5	10	
William Gerard		35				Yes	6		5%
William Gerard		70				Yes	6		
Frank Vigil		8				Yes	2	10	
Clay Walck		4					5		46%
M. E. Staley		45				Yes	10	8	8%
Glen E. Wilson		10				Yes	5	8	1°
Glen Wright		16				Yes	5		2%
Frank Zellitti, Jr.		25				Yes	5	10	7°

REPORT OF PRODUCTION

MEN, DAYS, ACCIDENTS - BY COUNTY - BY MINE

COUNTY	COMPANY OR OPERATOR	No. Men Average	Total Days	TONNAGE	ACCIDENTS	
MINE					Fatal	Non-Fat.
BOULDER						
Cracker Jack #2	Mathis, Sullivan Mining, Inc.	3	50	160		
TOTALS - 1		3	50	160	-	-
DELTA						
Blue Ribbon	Blue Ribbon Coal	3	110	4,259		1
Green Valley #2	Brooks, Ira T.	5	210	6,717		2
King	Juanita Coal & Coke Corp.	26	138	27,006		
Paonia-Farmers	Paonia-Farmers Coal	2	45	424		
Red Canon #1	Fogg, Lyndon H.	3	199	4,418		
Tomahawk	Tomahawk Coal	4	129	4,571		
Top	States Coal	4	160	2,650		
TOTALS - 7		47	991	50,045	-	3
EL PASO						
Franceville Strip	Franceville Coal	4	214	7,600		
TOTALS - 1		4	214	7,600	-	-
FREMONT						
Annex	Annex Coal	2	244	4,267		1
Beer Strip	Beer Coal & Construction	3	253	26,370		1
Black Knight #2	Alvidrez Coal	3	85	250		
Caldirola #2	Caldirola Fuel	4	164	3,078		
Canon Black Diamond	Canon Black Diamond Coal	5	188	18,011		
Canon Liberty #3	Liberty Mining	4	164	5,258		
Canon National	Canon National Coal	7	265	24,912		
Canon Wolf Creek #2	Strainer Coal	5	63	1,117		

Canon Zenith #2	Canon Zenith Coal	5	144	2,480		
Cedar Canon	Giuliano & Sons Coal	8	204	13,947		
Coal Creek Canon	Coal Creek Canon Coal	5	233	9,662		
Corley Strip (New)	Corley Company, The	8	86	17,086		1
Double Dick	Double Dick Coal	7	217	8,697		2
Golden Quality #4	Golden Quality Coal	6	225	10,100		2
L & C #2	Lovisone & Colarelli	5	178	3,172		
Pine Gulch #3	Sarmiento Coal	4	63	445		8
Pioneer Canon	Corley Company, The	20	215	49,542		
Rex Carbon	Rex Carbon Fuel	6	273	12,350		
Superior (New)	Corley Company, The	5	55	1,590		
Twin Pines	Twin Pines Coal	4	211	6,781		
Vento	Vento Coal	9	240	31,618		
TOTALS - 21		105	3,770	250,733	-	15
<u>GARFIELD</u>						
Atlas #3	Bendetti, Henry	1	110	107		
Harvey Gap #3	Tolley, C.A. & Eileen	4	213	1,902		1
I H I #3	S & J Coal	3	225	5,037		
Marion #2	Walck, Clay	3	85	321		
New Castle-Vulcan	Coles, W. E.	4	195	4,342		
New South Canon(New)	Gearhart, Med	3	73	359		
North Canyon	Rifle Coal	5	264	5,724		1
Rex	Darwin Seigfried	4	148	1,269		
Sunlight	Four Mile Coal	2	295	2,572		
TOTALS - 9		29	1,608	21,633	-	2
<u>GUNNISON</u>						
Baldwin	Smith, A. G.	2	121	1,056		
Bear	Bear Coal	44	129	49,866	1	2
Black Beauty	Ellis Coal	11	153	11,338		2
Edwards	North Fork Coal	10	117	15,661		1
Hawk's Nest	Champion Coal Mining	26	141	37,286		
Hinkle	Castles Coal	3	58	446		

Continued

COUNTY MINE	COMPANY OR OPERATOR	No. Men Average	Total Days	TONNAGE	ACCIDENTS	
					Fatal	Non-Fat.
<u>GUNNISON Cont.</u>						
Nu-Mine #2	Partch Brothers	11	242	18,280		
Ohio Creek #2	Staples, S. L., Jr.	3	287	2,593		1
Oliver #3	Minerals Dev. Corp. of Colo.	27	139	34,730		3
Somerset	" " "	78	179	113,012		
TOTALS - 10		215	1,566	284,268	1	9
<u>HUERFANO</u>						
Black Beauty	Black Beauty Coal	3	208	1,581		
Black Hawk #2 (New)	Blue Blaze Coal	3	30	100		
Blue Blaze	Blue Blaze Coal	3	60	1,065		
Calumet #2	Delcarbon Coal	20	173	19,638		2
Gordon	Skinner Coal	6	231	13,492		
Klikus (COD #1)	C & C Coal	3	40	160		
Leader #3	Leader Coal	3	191	1,597		
Maitland #1	Red Ash Coal	3	47	530		
Maitland #2	" " "	10	213	8,179		1
Major #2	Major Coal	4	98	1,919		1
Morning Glory	Morning Glory Coal	11	206	14,056		1
Rugby #6	Rugby Coal	5	130	1,213		1
TOTALS - 12		74	1,627	63,530	-	6
<u>JACKSON</u>						
Marr	Caldwell, Earl	2	134	1,036		
Rosebud Strip (New)	Rosebud Coal Sales	14	59	30,103		
TOTALS - 2		16	193	31,139	-	-
<u>LA PLATA</u>						
Blue Flame	Cason, Vernon	3	183	1,863		
Burnwell #1 (New)	Hunt, Wm. M.	3	29	338		
Burnwell #2	" " "	4	164	3,333		
Coal King #2	Pilcher, Oren A.	2	181	1,966		1
Hay Gulch #2	Hay Gulch Coal	1	218	1,229		
King	King Coal	3	228	3,514		

Monarch	Lobato, Fidel	1	12	10	
Morning Star	Zellitti, F., Jr., N. & C.	2	212	2,517	
Peacock	Peacock Coal	3	51	1,078	
Peerless	Peerless Coal	1	90	350	
Rasmussen (Minoletti)	Rasmussen, William	2	134	1,821	
Victory #1	Victory Coal	7	88	3,323	
Victory #3	"	6	260	10,972	1
Wright #1	Wright Fuel	2	98	1,486	
TOTALS - 14		40	1,948	33,800	2
LAS ANIMAS					
Aguilar Imperial	Aguilar Imperial Coal	3	120	1,217	
Allen	Colo. Fuel & Iron Corp.	407	187	496,060	1
Anchor #2	Garcia, Joe M. & Della	2	105	442	
Baldy #2	Scott & Johnson	2	130	974	
Berwind Canyon	Berwind Canyon Coal	4	117	1,555	
Bisulco	Bisulco, Alex	3	104	620	
Brodhead #2	Brodhead Coal	4	119	994	1
Brodhead #3 (New)	"	4	119	200	1
Burro Canyon #3	Ortiz, Joe	1	20	40	
Delagua #3 $\frac{1}{2}$	Montez, Manuel H.	2	180	779	
Engleville	Guadagnoli Brothers	2	178	2,068	
Frederick	Colo. Fuel & Iron Corp.	445	187	243,669	4
Grey Creek #4	Grey Creek Coal	4	163	1,222	
Hastings #6 (New)	Hastings Coal	2	47	258	
Madrid	Bueno & Griego	2	12	29	
Martinez	Martinez, Albert	1	98	213	
Nellie (Montoya)	Montoya, Leo, Jr.	2	117	448	
Peacock	Peacock Coal	5	300	4,779	
Prosperity #2	Pantazes, Pete	2	264	632	
Rainbow	Rainbow Coal	3	10	14	
Rapson #2	Rapson Coal	6	257	11,300	
Red Glow	Red Glow Coal	2	255	1,061	

Continued

COUNTY MINE	COMPANY OR OPERATOR	No. Men Average	Total Days	TONNAGE	ACCIDENTS	
					Fatal	Non-Fat.
<u>LAS ANIMAS Cont.</u>						
Starkville #4	Iuppa, Albert & Son Coal	4	238	4, 157		1
Starkville #7	Maschio, Adolph	3	96	562		
Vigil	Vigil, Frank	3	112	612		
<u>TOTALS - 24</u>		918	3, 535	773, 905	1	15
<u>MESA</u>						
Blue Flame	Barstow, Aul & Peterson	3	168	2, 421		
Cameo	Kerr Coal	32	220	71, 633		2
Gearhart	Phillips, H. B.	7	157	3, 395		
Hidden Treasure	Hicks, Jene	2	100	1, 310		
Hunter	Nichols, Bryan A.	2	50	321		
Hy-Grade	Paterson, Mack R.	6	112	1, 753		
McGinley	Eaglehead Coal	3	234	2, 308		
River View	Supancic, Louis	3	130	1, 565		1
Winger	Clarke Coal	2	112	598		
<u>TOTALS - 9</u>		60	1, 283	85, 304	-	3
<u>MOFFAT</u>						
Red Wing	Colowyo Coal	33	163	117, 855		2
<u>TOTALS - 1</u>		33	163	117, 855	-	2
<u>MONTEZUMA</u>						
Montezuma #2	Wilson, Glen E.	3	35	268		
<u>TOTALS - 1</u>		3	35	268	-	-
<u>MONTROSE</u>						
Independence	Nix, Ammon E.	4	171	1, 991		
<u>TOTALS - 1</u>		4	171	1, 991		
<u>PITKIN</u>						
Dutch Creek	Mid-Continent Coal & Coke	30	219	92, 772		1
Thompson Creek #1	Thompson Creek C&C Corp.	67	240	102, 775		3
Thompson Creek #2	" " "	5	118	3, 976		
Thompson Creek #3	" " "	48	230	72, 178		5

Thompson Creek #5	"	"	"	"	3	41	362		
TOTALS - 5					153	848	272,063	-	9
RIO BLANCO									
Blue Streak	Lichtenhahn Coal				2	106	640		1
Rienau	Jenkins & Mathis Coal				4	248	5,906		1
White River	White River Fuel				4	160	4,704		1
TOTALS - 3					10	514	11,250	-	2
ROUTT									
Apex	Boscia Coal				3	107	1,192		
Babson	Babson Coal				2	50	331		
Cardinal	Dry Creek Coal				14	53	6,397		1
Crow Bar (Closed)	" " "				13	94	10,065		
Edna Strip	Edna Coal				43	117	161,784		2
Harris (Closed)	Colorado & Utah Coal				86	16	15,255		2
Joe's (Frank's)	Joe's Coal				1	80	156		
Johnnie's	Mathews, John				1	79	237		
Keystone	Keystone Mining Corp.				24	56	7,052		1
Old Quaker Strip	Dry Creek Coal				4	52	5,837		
Osage Strip	Osage Coal				35	138	164,473		
Rice-Pinnacle	Rice-Pinnacle Coal				17	309	13,591		1
Sun	Sun Coal				1	130	265		
TOTALS - 13					244	1,281	386,635	-	7
WELD									
Boulder Valley #3	Boulder Valley Coal				40	175	97,786		1
Eagle	Imperial Coal				60	180	211,313		1
Imperial	" "				27	69	27,955		
Lincoln	Clayton Coal				35	137	84,225		1
Sterling	McNeil Coal Corp.				38	117	50,846		1
Washington	Clayton Coal				57	194	107,887		6
TOTALS - 6					257	872	580,012	-	10
GRAND TOTALS - 140					2,215	20,669	2,972,191	2	85

COAL SHIPMENT AND DISPOSAL

COUNTY	RAILROAD	TRUCK	POWER & HEAT (At Mine)	OUT OF STATE	CHEM. TREATED
Boulder		160			
Delta	24, 743	24, 636	666	7, 710	10, 209
El Paso		7, 600			3, 500
Fremont	8, 822	241, 841	70	7, 381	750
Garfield		21, 628	5		5, 650
Gunnison	210, 691	72, 346	1, 231	137, 618	45, 865
Huerfano	20, 911	42, 616	3	17, 309	5, 693
Jackson	30, 050	1, 089			
La Plata		33, 785	15		1, 278
Las Animas	743, 545	26, 756	3, 604	2, 594	
Mesa		17, 792	* 56		2, 264
Moffat	103, 559	14, 296		53, 778	49, 775
Montezuma		268			
Montrose		1, 987	4		
Pitkin	266, 296	5, 767		262, 320	
Rio Blanco	3, 561	7, 689		4, 572	9, 761
Routt	348, 266	37, 813	556	104, 385	65, 822
Weld	369, 599	205, 528	4, 885		26, 333
TOTALS	2, 130, 043	763, 597	11, 095	597, 667	226, 900

* Mesa-Used by Public Service Power Plant at Cameo Mine-67, 456 tons

SIZES, GRADES, BY COUNTY

MINE RUN	LUMP	EGG	OTHER GRADES	NUT	PEA	SLACK
160						
4,259	16,777		975	3,677	127	24,230
7,600						
141,028	28,461		2,348	5,328	5,135	68,433
4,371	2,422		1,042	658	204	12,936
139,810	32,950		2,528	8,563		100,417
1,896	7,611	10,095	178	6,769	6,941	30,040
1,036						30,103
21,953	4,472			554	78	6,743
11,506	4,082	851	76	780	737,563	19,047
323	3,914	77		1,124	217	79,649
	16,669	21,940				79,246
268						
	976			223		792
272,063						
	1,337			1,868		8,045
29,568	40,051	19,021	10,145	10,298	65,223	212,329
	40,385	83,005	2,706	6,161	12,070	435,685
635,841	200,107	134,989	19,998	46,003	827,558	1,107,695

MECHANICAL LOADING

COUNTY	Shaker Type	MECHANICAL LOADERS							Small Portable Conveyors	TONS OF COAL TOTALLY LOADED BY MECHANICAL DEVICES (None or very little hand labor)
		Chain Conveyors		Mainline		Mobile		Power Shovel		
		Short Face	Room Length	Belt	Chain	Track	Caterpillar			
Boulder	1									
Delta	2		1			2	3			33,412
El Paso										
Fremont	20	1	8		1		11			184,706
Garfield									1	
Gunnison	16		1	4			8			254,990
Huerfano	13	1	6		1					
Jackson										
La Plata	1								1	
Las Animas	8	1		10	3		10	1		706,375
Mesa	16	1								74,696
Moffat							2			117,855
Montezuma										
Montrose										
Pitkin	17	3		1	1		1			
Rio Blanco	2	1					5			10,750
Routt	38		2		1		4			32,048
Weld	4			1			14			197,426
TOTALS	138	8	18	16	7	2	58	1	2	1,612,258

COLORADO - 1958

TONS OF COAL HAND LOADED ONTO MECHANICAL DEVICES	MINING MACHINERY							TOTAL TONNAGE
	Undercutting	Electric Shearing	Combination Undercutting and Electric Shearing	Electric Drills	Compressed Air Cutting Machines	Compressed Air Drills	Continuous Miners	
160	1			1				160
	8		2	12				50,045
								7,600
15,654	38			40				250,733
5,724	1			15		1		21,633
6,093	26		2	26				284,268
43,729	34			18				63,530
	1			1				31,139
3,514	17			16				33,800
20,871	28		15	29		14	1	773,905
3,395	19			20				85,304
	6			6				117,855
								268
	1			1				1,991
179,291				22		1	1	272,063
500	6			8				11,250
22,256	48			49		1		386,635
2,651	29	1	1	48			9	580,012
303,838	263	1	20	312		17	11	2,972,191

Mined & Loaded by Continuous Miners: Weld County - 379,935
Las Animas " - 25,000 EST.
Pitkin " - 92,772

COAL PRODUCTION FROM 1864 THROUGH 1958

<u>Year</u>	<u>Tonnage</u>	<u>Year</u>	<u>Tonnage</u>	<u>Year</u>	<u>Tonnage</u>
1864	500	1895	3,339,495	1926	10,616,760
1865	1,200	1896	3,371,633	1927	9,781,580
1866	6,400	1897	3,565,660	1928	9,921,585
1867	17,000	1898	4,174,037	1929	9,934,064
1868	10,500	1899	4,826,939	1930	8,238,094
1869	8,000	1900	5,495,734	1931	6,604,063
1870	4,500	1901	6,021,405	1932	6,616,525
1871	15,600	1902	7,522,923	1933	5,284,872
1872	68,540	1903	7,775,302	1934	5,251,003
1873	69,997	1904	6,776,551	1935	5,953,601
1874	77,372	1905	8,989,631	1936	6,868,801
1875	95,838	1906	10,308,421	1937	7,222,092
1876	117,666	1907	10,965,640	1938	5,730,291
1877	160,000	1908	9,773,007	1939	6,002,125
1878	200,630	1909	10,722,490	1940	6,673,359
1879	322,732	1910	12,104,887	1941	7,008,037
1880	375,000	1911	10,197,595	1942	8,131,764
1881	706,744	1912	11,016,948	1943	8,372,683
1882	1,161,479	1913	9,268,939	1944	8,202,401
1883	1,220,593	1914	8,201,423	1945	7,656,612
1884	1,130,024	1915	8,715,397	1946	5,928,823
1885	1,398,796	1916	10,522,185	1947	6,381,016
1886	1,436,211	1917	12,515,305	1948	5,682,512
1887	1,791,735	1918	12,658,055	1949	4,578,170
1888	2,185,477	1919	10,406,543	1950	4,274,887
1889	2,400,629	1920	12,514,693	1951	4,111,945
1890	3,075,781	1921	9,141,947	1952	3,643,523
1891	3,512,632	1922	10,003,610	1953	3,598,867
1892	3,771,234	1923	10,336,735	1954	2,922,365
1893	3,947,056	1924	10,501,088	1955	3,366,490
1894	3,021,028	1925	10,440,387	1956	3,303,661
				1957	3,324,787
				1958	2,972,191

FATAL ACCIDENTS

Date	Name	Mine	County	Cause	Occupation	Age	Exp.
8- 1	Robert Mathieson	Allen	Las A.	Fall	Mechanic	66	50
11-20	Paul W. Berg	Bear	Gunn.	Roof Fall	Loaderman	49	30

NOT CHARGED TO THE INDUSTRY

9- 4	John Markovich	Apex	Routt	Heart	Miner	52	
------	----------------	------	-------	-------	-------	----	--

FIVE YEAR COMPARISON

<u>NON-FATALS</u>						<u>FATALS</u>				
1954	1955	1956	1957	1958	Causes of Injury	1954	1955	1956	1957	1958
17	10	9	9	9	Falls of roof	3	5	1		1
5	4	6	7	2	Fall of face or rib			1		
7	15	6	8	12	Falling objects					
3	5	5	5	4	Falls of persons					1
19	6	12	8	11	Handling materials					
4	6	8	5	6	Hand tools					
2	4		1	3	Striking vs objects					
11	15	10	15	15	Haulage					
2		3			Explosion of gas					
3		5	1	1	Explosives					
4	2	4		1	Electricity					
7	13	13	14	17	Machinery		1			
1	3	1	2	4	Jack pipes					
	1	1	1		R. R. cars		2			
1	1	1			Others					
86	85	84	76	85	TOTALS	3	8	2	0	2

ACCIDENT STATISTICS

	<u>Fatalities</u>		<u>Non-Fatals</u>	
	1957	1958	1957	1958
Fatalities	0	2		
Non-Fatals/Compensable			76	85
Per 1,000 employed		0.090	30.41	38.37
Men employed per injury		1,107	32.88	26.06
Tonnage per injury		1,486,096	43,747	34,966
Per million tons		0.673	22.86	28.60
Dependents: Widows		2		
Children		0		

Successful Candidates in Examination for Coal Mines Officials
September 13, 1958

<u>Mine Foreman</u>	<u>Fire Boss</u>	<u>Additional Rating after Fire Boss Experience</u>
Blalock, Clovis C.	Corey, Pete	Mine Foreman
Davis, Willis E.	Fazzino, Budgie C.	-
Deborski, Andrew E.	Garcia, John R.	Asst. Mine Foreman
Dimitroff, A. Z.	Hernandez, John B.	-
Haas, Ernest A.	Krelovich, Steve, Jr.	Mine Foreman
Jackson, R. A.	Lopez, Joe M.	" "
Javernick, Jos. J.	Mares, Joe	Asst. Mine Foreman
Jordan, Donald L.	Martinez, Eloy G.	-
Lopez, Eugene	Montoya, Dan J.	Mine Foreman
McCann, Harvey E.	Nixon, Roy B.	" "
Millar, David W.	Odorizzi, Charles F.	" "
Montoya, Ben	Partch, Earl E.	" "
Partch, Carey A.	Pugnetti, George A.	" "
Reeves, John A.	Rigg, Joe	" "
Schenler, William J.	Sacchetta, Frank	" "
Smith, Tony J.	Santistevan, Alfred	" "
Tolley, C. A.	Slevec, Frank	" "
	Slunaker, Everett W.	" "
<u>Asst. Mine Foreman</u>	Trujillo, Felix A.	Asst. Mine Foreman
	Twite, Paul H.	Mine Foreman
Langowski, C. E.	Vondra, Lewis F.	" "
Mascitelli, Joe	Walker, Shelby L.	" "

Strip Pit Mine Foreman

Beer, Lloyd J.	Lasnik, Edward S.
Blalock, Clovis C.	Marsten, Richard O.
Hay, Pete S.	Reeves, John A.
Howell, Willard R.	Schenler, William J.
Jackson, R. A.	Wright, Lester A.

BOARD OF EXAMINERS FOR COAL MINE OFFICIALS

Thomas Allen, Chief Inspector - 51 Argonaut Hotel, Denver 2
 Fred W. Whiteside, E. M., Secretary - 356 Lafayette St., Denver 18
 William H. Lloyd - 1228 West Second Street, Florence
 Charles C. Mack - 894 Tucker Street, Craig
 John Sebben - Rte. 1, Box 361, Trinidad



